

**ABSTRACT OF THE DISCLOSURE**

5     An apparatus comprising a transmodulator unit. The transmodulator unit generally comprises (i) a first input configured to receive a baseband video signal, (ii) a second input configured to receive a first encoded data signal and (iii) an output configured to present a second encoded data signal. The second encoded data signal is generated in response to the first encoded data signal and the baseband video signal. The first encoded data signal comprises an advanced data signal. The second encoded data signal comprises a legacy data signal.